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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Marian Elizabeth LUDGATE

CONFIRMATION NO. 9824

Serial No. 09/509,687

GROUP 1644

Filed April 19, 2000

Examiner P. Nolan

BIOASSAY FOR THYROID STIMULATING
ANTIBODIES

RECEIVED

APR 25 2002

TECH CENTER 1600/2900

AMENDMENT

Commissioner for Patents

Washington, D.C. 20231

Sir:

Responsive to the Official Action of November 20, 2001,
please amend the above-identified application as follows:

IN THE CLAIMS:

Cancel claims 1-35.

Amend claim 36 as follows:

B1
A1

36. (amended) A clone expressing human TSH-R stably
transfected with a reporter construct comprising cDNA of both
(i) a reactant capable of causing a measurable response when
brought into contact with a corresponding substrate, such as a
protein
and
(ii) a promoter containing cAMP response elements (CREs),
comprising a promoter sequence or synthetic oligonucleotide which
contains the CRE consensus sequence, TGACGTCA,